CLMPTO

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12/02/04

Claims 1-14 are cancelled.

15. A delivery system comprising: an active ingredient covalently bonded to a linker through a hydrolyzable covalent bond formed with a hydroxyl, CO2H, amino, mercapto, or enolizable carbonyl moiety of the active ingredient to produce, respectively, an ester, carboxylic acid anhydride, amide, thioester, or enol ester; said linker being covalently bonded to a portion of subunits of a crosslinked polymer through a linker-polymer covalent bond selected from the group consisting of a nitrogen-carbon bond, an oxygen-carbon bond, a sulfur-carbon bond, and a phosphorus-carbon bond.

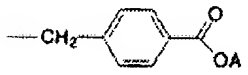
16. The delivery system of claim 15 wherein the crosslinked polymer is selected from the group consisting of poly{(4-dialkylaminomethyl)styrene}, poly{(3-dialkylaminomethyl)styrene}, and mixtures of poly{(4-dialkylaminomethyl)styrene} and poly{(3-dialkylaminomethyl)styrene}.

17. The delivery system of claim 16 wherein the cross-linked polymer is poly{(4-dimethylaminomethyl)styrene}, poly{(3-dimethylaminomethyl)styrene}, or a mixture thereof.

18. The delivery system of claim 17 wherein substantially all styrenic subunits of the crosslinked polystyrene polymer not bonded to the linker are substituted by quaternary ammonium salt moieties.

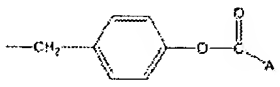
19. The delivery system of claim 18 wherein the active ingredient and the linker form a substituent on a 4-

dimethylaminomethyl moiety or a 3-dimethylaminomethyl moiety having a structure represented by



wherein OA is the covalently bonded active ingredient.

6 ~~20~~. (NEW) The delivery system of Claim ~~18~~ 7 wherein the active ingredient and the linker form a substituent on a 4-dimethylaminomethyl moiety or a 3-dimethylaminomethyl moiety having a structure represented by



wherein

is the covalently bonded active ingredient.